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**REGISTERED PATENT AGENTS

December 4, 2000



WRITER'S DIRECT NUMBER:
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DEC 0 5 2000

OFFICE OF PETITIONS

Attn: Box DAC

Commissioner for Patents Washington, D.C. 20231

Re:

U.S. Utility Patent Application

Appl. No. 09/236,113; Filed: January 25, 1999

For: Cathode Arc Source and Graphite Target

Inventors:

Shi et al.

Our Ref:

1581.0250001/DKSC/ALF

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Fee Transmittal Form PTO/SB/17 (in duplicate);
- 2. Request for Reconsideration of Petition Under 37 C.F.R. § 1.47(a);
- 3. A copy of the Combined Declaration for Patent Application and Power of Attorney (original previously submitted on Sept. 13, 1999);
- 4. A Second Declaration of George W. Schlich Under M.P.E.P. § 409.03(d) with Exhibits A-F attached thereto;
- 5. A copy of the first Declaration of George W. Schlich Under M.P.E.P. § 409.03(d) (original previously submitted on Sept. 13, 1999);
- 6. A copy of the Declaration of Dr. Xu Shi Under M.P.E.P. § 409.03(d) (original previously submitted on Sept. 13, 1999);
- 7. Our Check No. 29672 for \$130.00 to cover Petition fee; and
- 8. One return postcard.

Commissioner for Patents
December 4, 2000
Page 2

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Albert L. Ferro

Attorney for Applicant Registration No. 44,679

Enclosures

DKSC/ALF:vrb
P:\USERS\VBAYNE\Ferro-3\1581\025-1\Petition-ptoltr
SKGF Rev. 4/27/00 mac

Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001 Patent fees are subject to annual revision. (\$) 130.00

TOTAL AMOUNT OF PAYMENT

Complete if Known							
Application Number	09/236,113						
Filing Date	January 25, 1999						
First Named Inventor	Xu Shi						
Examiner Name	To be assigned						
Group Art Unit	1753						
Attorney Docket No.	1581.0250001/DKSC/ALF						

METH	FEE CALCULATION (continued)									
The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:			TIONAL Entity		Entity	<i>'</i>			0 5 2000	
Deposit Account Number	19-003	6	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee D	()FF escription	FICE O	F PETITION Fee paid
Deposit Account Name	Sterne,	Kessler, Goldstein & Fox P.L.L.C.	105	130	205	65	Surcharge - late filing f	ee or oath		
		127	50	227	25	Surcharge - late provisiona	l filing fee or cover shee	:t		
☐ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		139	130	139	130	Non-English specifi	cation			
☐ Applicant claims small entity status		147	2,520	147	2,520	For filing a request fo	r <i>ex parte</i> reexamin	ation		
See 37 CFR 1.27			112	920*	112	920*	Requesting publication of action	of SIR prior to Examine	er	
2. Payment Encl	losed:		113	1,840*	113	1,840*	Requesting publication of	of SIR after Examiner a	action	
Check Credit card Money Order Other* *Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.			115	110	215	55	Extension for reply wi	ithin first month		
	FEE (CALCULATION	116	390	216	195	Extension for reply w	ithin second month		
1. BASIC FILING F	FEE	.	117	890	217	445	Extension for reply wi	ithin third month		
Large Entity Sma		y 	118	1,390	218	695	Extension for reply wi	ithin fourth month		
Fee Fee Fee Code (\$) Cod	Fee le (\$)	Fee Description Fee Paid	128	1,890	228	945	Extension for reply wi	ithin fifth month		
101 710 201	355	Utility filing fee	119	310	219	155	Notice of Appeal			
106 320 206	160	Design filing fee	120	310	220	155	Filing a brief in suppo	rt of an appeal		
107 490 207	245	Plant filing fee	121	270	221	135	Request for oral hear	ing		
108 710 208	355	Reissue filing fee	138	1,510	138	1,510	Petition to institute a	public use proceedi	ing	
114 150 214	75	Provisional filing fee	140	110	240	55	Petition to revive - un	avoidable		
SUBTOTAL (1) (\$) 0.00		141	1,240	241	620	Petition to revive - un				
		142	1,240	242	620	Utility issue fee (or re	issue)			
			143	440	243	220	Design issue fee			
			144	600	244	300	Plant issue fee			
			122	130	122	130	Petitions to the Comr	nissioner		130.00
2. EXTRA CLAIM FEES Fee from Extra below Fee Paid			123	130	123	130	Petitions related to provisional applications			
Total Claims 20** = X =		126	180	126	180	Submission of Information Disclosure Stmt				
Indep. Claims	3** :	= X =	581	40	481	40	property (times number of properties)			
Multiple Dependent	t	=	146	710	246	355	Filing a submission a (37 CFR 1.129(a))	tter final rejection		
Large Entity Smal Fee Fee Fee Code (\$) Code	Fee	, Fee Description	149	710	249		For each additional in (37 CFR 1.129(b))			
103 18 203	9	Claims in excess of 20	179	710	279	355	Request for Continue	d Examination (RC	E)	
102 80 202	40	Independent claims in excess of 3	169	900	169	900	Request for expedited	d examination of a	design	
104 270 204	135	Multiple dependent claim	Other for	(anonify) :			application			
108 80 209 110 18 210	40 9	**Reissue independent claims over original patent **Reissue claims in excess of 20 and over original patent		(specify) :						
su	Other fee (specify) :									
	reater, For Reissues, see above	Neduced	Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 130.00							
SUBMITTED BY Complete (if applicable)										
Name (Print/Type) Albert L. Ferro				Re	egistration tomey/Agent	No.	44,679	Telephone	202-3	371-2600
Signature		<u>, </u>			•	Date	Dec	. 4. 2000		



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DEC 0 5 2000

OFFICE OF PETITIONS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shi et al.

Appl. No.: 09/236,113

Filed: January 25, 1999

For: Cathode Arc Source and Graphite

Target

Art Unit: 1753

Examiner: To Be Assigned

Atty Docket: 1581.0250001/LEA/ALF

Request for Reconsideration of Petition Under 37 C.F.R. § 1.47(a)

Commissioner for Patents Box DAC Washington, DC 20231

Sir:

In accordance with the requirements of 37 C.F.R. § 1.47(a) and M.P.E.P. § 409.03(a),

Applicants have filed herewith the following documents:

Attorney (original previously submitted on September 13, 1999);

- (3) Copy of a second Declaration of George W. Schlich under M.P.E.P § 409.03(d);
- (4) Copy of Declaration of Dr. Xu Shi under M.P.E.P. § 409.03(d) (original previously submitted on September 13, 1999);
- (5) Declaration of George W. Schlich under M.P.E.P. § 409.03(d) (original previously submitted on September 13, 1999);
- (6) Copy of SKGF Check No. 29672 in the amount of \$130.00 to cover the petition fee as set forth in 37 C.F.R. § 1.17(i).

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130. OP

Applicants request reconsideration of this petition under 37 C.F.R. § 1.47(a) in response to the decision on the first petition dated October 3, 2000. Because the second Declaration of George W. Schlich, submitted with this request for reconsideration, provides the necessary factual proof that the missing joint inventor refuses to execute the application or cannot be reached after diligent effort, Applicants respectfully request that this second petition be granted.

In the Combined Declaration for Patent Application and Power of Attorney, all of the signing inventors have made the required declarations under 37 C.F.R. 1.47(a) on their own behalf, and on behalf of the non-signing inventor, David Flynn. The Combined declaration and Power of Attorney includes the last known address at which Mr. Flynn customarily receives mail, as required by M.P.E.P. § 409.03(e).

The second Declaration of George W. Schlich (the "Second Schlich Declaration") demonstrates that a bona fide attempt was made to provide the missing joint inventor, namely Mr. David Flynn, with a complete set of application papers (specification, including claims, drawings, and an oath or declaration) for signature. As detailed in the Second Schlich Declaration, Mr. Flynn was sent a complete set of application papers pertaining to the above-reference patent application, giving Mr. Flynn the opportunity to join in the application. Second Schlich Declaration, ¶ 6. Despite this opportunity, Mr. Flynn has not responded. Second Schlich Declaration, ¶ 7. Thus, the Second Schlich Declaration provides the necessary evidence of a bona fide attempt to obtain the signature of the missing joint inventor on the patent application.

In addition to the Second Schlich Declaration, Applicants submit several other documents to provide further evidence that a bona fide attempt has been made to join the missing inventor in the above-referenced patent application.

The Declaration of Dr. Shi Xu and the first Declaration of George W. Schlich under M.P.E.P. § 409.03(d) ("the Xu declaration" and "the First Schlich declaration") provide proof of the pertinent facts regarding the refusal of Mr. Flynn to join in the application. Paragraphs 1-5 of the First Schlich Declaration are identical to paragraphs 1-5 of the Second Schlich Declaration. As detailed in the Schlich declarations, Mr. Flynn was requested, by letter, to sign the documents relating to the above-referenced application on several occasions. Schlich Declarations, ¶ 2-5. Mr. Flynn telephoned Mr. Schlich's firm on May 13, 1999 and informed them that he was not going to sign the documents. Schlich Declarations, ¶ 2. Mr. Flynn advised Mr. Schlich's firm that he was not signing the documents until potential compensation issues were resolved. Schlich Declarations, ¶ 2. Continued attempts to contact Mr. Flynn to have him sign the documents were unsuccessful. Schlich Declarations, ¶ 3-5. On August 4, 1999, Mr. Flynn was again sent the documents for his signature. Schlich Declarations, ¶ 4. Mr. Flynn also refused to sign the documents on September 6, 1999. Schlich Declarations, ¶ 5.

Applicants respectfully submit that the documents and fees filed herewith satisfy all the requirements of 37 C.F.R. § 1.47(a) and M.P.E.P. § 409.03(a), (d), and (e). Accordingly, Applicants respectfully request that the above-referenced application is accepted, and that a filing receipt is issued in accordance with M.P.E.P. § 409.03(h).

The U.S. Patent and Trademark Office is authorized to charge any deficiency in fees to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Albert L. Ferro

Attorney for Applicants Registration No. 44,679

Date: December 4, 2000

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